

45293

CORPES CONTROL
OF GOING LTR NO

DATE ORDER 5400 1
94 RF 10558

EG&G ROCKY FLATS

EG&G ROCKY FLATS INC
ROCKY F A T S P L A T T P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

DIST	INC
AMARAL, ME	
BURLINGAME, A H	
BUSBY, W S	
BRANCH, D B	
CARNIVAL, G	
DAVIS, J G	
FERRERA, D W	
FRAY, R E	
GEIS, J A	
GLOVER, W S	
GOLAN, P M	
HANNI, B J	
HARMAN, L K	
HEALY, T J	
HEDAH, T	
HILBIG, J G	
HUTCHINS, N M	
JACKSON, D T	
KELL, R E	
KUSTER, A W	
MARX, G E	
M DONA, D M M	
MCKENNA, T G	
MONTEC, L K	
MORGAN, R I	
POTTER, G L	
PIZZUTO, V M	
RISING, T L	
SANDLIN, N B	
SCHWARTZ, T K	
SETLOCK, G H	
STEWART, D L	
STIG, P S G	
TOBIN, P M	
VOORHEIS, G M	
WILSON, J M	
BRUSSARD, M C	
BRUNNEN, M C	
BRUNNEN, J E	
BRUNNEN, E F	
BRUNNEN, A L K	

ORR'S CONTROL	X
DMN RECORD/080	X
RAFFIC	
ATS/T130G	

ASSIGNATION	
NI	
CLASSIFIED	
CONFIDENTIAL	
CERT	

JT-OR ZED CLASSIFIER
SIGNATURE
UMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

REPLY TO RFP CC NO
23714-RF 94

ION ITEM STATUS
ARTIAL/OPEN
CLOSED
APPROVALS

TYPIST INITIALS
R. A. C.

October 14 1994

94 RF 10558

J M Roberson
Acting Assistant Manager for
Environmental Restoration
DOE RFFO

OPERABLE UNIT NO 1 (881 HILLSIDE) INTERIM MEASURE/INTERIM REMEDIAL ACTION
COLLECTION WELL AND FOOTING DRAIN WATER RESPONSE - SGS 550 94

This correspondence is in response to issues identified in your recent Memorandum
ER SRG 10199 discussing activities at the 881 Hillside

All necessary supplies have previously been procured to establish a temporary
diversion of the 881 footing drain water to the South Interceptor Ditch (SID) The
temporary diversion would involve the direct connection of a fire hose to the footing
drain culvert The hose will be routed to the SID and will serve as the discharge line
until a permanent line can be designed and installed

The proposed concept for a permanent design would include permanent pipelines to both
the SID and the wetland area with the option to divert the water in either direction The
primary destination for footing drain water would be the SID However water could be
easily diverted at any time to supply the wetland when needed (or alternatively a
schedule could be developed such as eight hours a week of flow into the wetland) This
type of flow into the wetland area will avoid significant seepage of footing drain waters
into the french drain collection system but will allow adequate water to the wetland
when needed Also there may be adverse impacts to some areas of the wetland if large
quantities of water are consistently introduced A preliminary design cost estimate and
schedule for the permanent installation will be forwarded to DOE by November 18
1994 In addition documentation of NEPA compliance will most likely be required and
is currently under review

The directive to discontinue pumping water from the collection well (CW001) to the
french drain was placed into effect immediately upon receipt of your memorandum
September 29 1994 was the last date that water was pumped from the collection well to
the french drain Currently funds are not available in FY95 in order to perform a
piping configuration change to segregate french drain and collection well waters A
temporary collection system could be utilized while a Baseline Change Proposal is
processed and a permanent design is developed Transporting water from the collection
well to the Building 891 treatment facility in a 200 gallon water tank would be the most
feasible immediate solution Temporary transportation of the water can be initiated by
November 4 1994 However it should be noted that transportation of collection well
water in this manner increases the risk of potential spills Any spills must be handled
through a RCRA Contingency Plan at this site

ADMIN RECORD

J M Roberson
94 RF 10558
October 14 1994
Page 2

A preliminary design proposal cost estimate and schedule for a permanent configuration change can be completed for submittal to DOE by December 16 1994 should you wish to pursue this course of action. However, it is the opinion of Environmental Operations Management that water from the collection well should continue to be pumped to the french drain until permanent methods of segregation can be implemented. The french drain was designed and built to intercept contaminated water and should continue to perform in this manner. This is consistent with the original french drain design documentation. Non collection of the collection well water could result in potential compliance issues.

Action must be taken as soon as possible in order to pump and treat the water from the collection well. Please confirm that this course of action is acceptable.


For S G Stiger Director
Environmental Restoration Program Division
EG&G Rocky Flats Inc

Orig and 1 cc - J M Roberson

cc
S R Grace - DOE RFFO
T Reeves -
M N Silverman -
B I Williamson -